

PATENT



Attorney Docket No.: 014643-009020US  
A-72013/GKS/THR(455675-77)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

in re application of:

LONBERG and KAY

Serial No.: 08/728,463

Filed: October 10, 1996

For: TRANSGENIC NON-HUMAN  
ANIMALS FOR PRODUCING  
HETEROLOGOUS ANTIBODIES

Examiner: Nolan, P.

Group Art Unit: 1644

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By:   
Traci H. Ropp

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicant wishes to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO/SB/8A. Copies of the references are enclosed.

None of the foregoing references are believed to disclose the invention as claimed.

Nothing herein shall constitute an admission concerning the contents of any of the cited references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application.

12/03/2003 AWONDAF1 00000001 08728463

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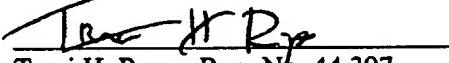
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Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

Pursuant to 37 C.F.R. §1.97(c), enclosed is a check in the amount of \$180.00 as set forth in 37 C.F.R. §1.17(p). While no further fee is believed to be due, if this belief is in error, the Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. 455675-077 (A-72013/GKS/THR)).

Respectfully submitted,  
DORSEY & WHITNEY LLP

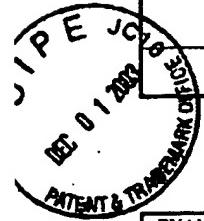
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Traci H. Ropp, Reg. No. 44,307

*Filed under 37 C.F.R. § 1.34(a)*

Attachments : Form PTO/SB/8A, Substitute for form 1449  
8 cited references  
Check for \$180.00

Substitute for form 1449B/PTO U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				ATTY. DOCKET NO.: 014643-009020US A-72013 (455675-77)	APPLICATION NO.: 08/728,463
				FIRST NAMED INVENTOR: LONBERG	
				FILING DATE: October 10, 1996	ART UNIT: 1644
Sheet	2	of	2	EXAMINER NAME: Patrick J. Nolan	


**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

EXAMINER INITIALS*	Cite No. <sup>1</sup>	(Include name of Author in CAPITAL LETTERS), Title of article (when appropriate, title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published)	T <sup>2</sup>
	C102	SILBERSTEIN, L.E., et al., "Variable Region Gene Analysis of Pathologic Human Autoantibodies to the Related i and I Red Blood Cell Antigens," <i>Blood</i> , vol. 78, no. 9: 2372-2386 (1991).	
	C103	TAYLOR, L.D., et al., "A Transgenic Mouse That Expresses A Diversity of Human Sequence Heavy and Light Chain Immunoglobins," <i>Nucleic Acids Research</i> , vol. 20, no. 23: 6287-6295 (1992).	
	C104	TUAILLON, N., et al., "Human Immunoglobulin Heavy-Chain Minilocus Recombination in Transgenic Mice: Gene-Segment Use in Mu and Gamma Transcripts," <i>Proc. Natl. Acad. Sci. USA</i> , vol. 90: 3720-3724 (1993).	
EXAMINER SIGNATURE		DATE CONSIDERED	

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<sup>1</sup> Applicant's unique citation number (optional).

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<p><b>Substitute for form 1449A/PTO</b>  <b>U.S. DEPARTMENT OF COMMERCE</b>  <b>(Modified) PATENT AND TRADEMARK OFFICE</b></p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i></p>				<p>ATTY. DOCKET NO.: 014643-009020US          A-72013 (455675-77)</p> <p>FIRST NAMED INVENTOR: LONBERG</p> <p>FILING DATE: October 10, 1996</p> <p>ART UNIT: 1644</p> <p>EXAMINER NAME: Patrick J. Nolan</p>	<p>APPLICATION NO.:          08/728,463</p>	
Sheet	1	of	2			

**U.S. PATENT OR PUBLISHED PATENT APPLICATION DOCUMENTS**

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (If known)	MM-DD-YYYY			
	B6	WO 94 25585 A	11/10/1994	Genpharm Int.		
	B7	WO 93 12227 A	06/24/1993	Genpharm Int.		
	B8	WO 93 11794 A	06/24/1993	Xoma Corp.		
	B9	EP 0 592 106 A	04/13/1994	Immunogen Inc.		
	B10	WO 92 01047 A	01/23/1992	Cambridge Antibody Tech.		
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